

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003514**Date Inspected:** 10-Aug-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2000**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Sun Bo**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector Joe Lanz arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China. While on site the QA Inspector observed and/or discovered the following.

Bay 3 – New Tower Building**Visual Inspection Prior to Repair**

This QA inspector participated in three party preliminary visual inspection of OBG Deck Panel closed rib PJP welds. Sun Bo of ZPMC and Wang Hong June of ABF performed the visual inspection. The welds were found visually unacceptable per Caltrans Engineer Approved Repair Procedure and all areas requiring repair were marked for repair. The deck panel designation numbers are as follows: 5AE DP324-001 and 2BW DP544-001.

Magnetic Particle Testing

This QA Inspector performed magnetic particle testing of approximately 10% of the completed Deck Panel welds in or near the areas previously tested by ZPMC personnel. A Magnetic Particle Test Report (TL-6028) was generated on this date. The deck panel designation numbers are as follows: DP162-001 welds 001 through 010, DP379-001 welds 001 through 010 and DP461-001 welds 001 through 010.

Summary of Conversations:

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No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Lanz,Joe	Quality Assurance Inspector
Reviewed By:	Cochran,Jim	QA Reviewer
